

IN THE SPECIFICATION

- (1) Insert the abstract, presented here on a separate page, after the claims.

ACYLGLYCEROL ACYLTRANSFERASE-LIKE PROTEIN MGAT-X1 AND USES THEREOF

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a polynucleotide sequence of a novel acylglycerol acyltransferase-like protein MGAT-X1. The invention also provides the human MGAT-X1 associated with the dermatological diseases, urological diseases, muscle-skeleton disorders, hematological diseases, cancer, reproduction disorders, neurological diseases, metabolic diseases, cardiovascular diseases or gastroenterological diseases. The invention also provides assays for the identification of compounds useful for the modulation of dermatological diseases, urological diseases, muscle-skeleton disorders, hematological diseases, cancer, reproduction disorders, neurological diseases, metabolic diseases, cardiovascular diseases or gastroenterological diseases for treating of such diseases associated with expression of the MGAT-X1. The invention also features compounds which bind to and/or activate or inhibit the activity of MGAT-X1 as well as pharmaceutical compositions comprising such compounds.